

GenCore version 4.5
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QM protein - protein search, using SW model

Run on: March 14, 2002 17:25:11, Search time 51.9 seconds
(without alignments)
18,338 Million cell updates/sec

Title: US-09-786-009-7

Sequence: 1 MAMC:GPLENSSC 13

Scoring table: PLOSUM62
Gapop 10.0, Gapext 0.5

Searched: 219241 seqs, 76174552 residues

Total number of hits satisfying chosen parameters: 219241

Minimum DB seq length: 0

Maximum DB seq length: 201000000

Post-processing: Minimum Match 0%
Listing first 45 summaries

Database:

- 1: PIR_68:*
- 2: PIR1:*
- 3: PIR2:*
- 4: PIR3:*

Prod. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match | Length DB | ID | Description |
|------------|-------|-------------|-----------|----|-------------|
| 1 | 43 | 62.3 | 712 | 2 | 144844 |
| 2 | 41 | 59.4 | 284 | 2 | S32907 |
| 3 | 41 | 59.4 | 531 | 2 | H55066 |
| 4 | 40 | 58.0 | 430 | 2 | 102525 |
| 5 | 40 | 58.0 | 432 | 2 | 156944 |
| 6 | 40 | 58.0 | 432 | 2 | A27447 |
| 7 | 40 | 58.0 | 719 | 2 | 102154 |
| 8 | 39 | 56.5 | 1701 | 2 | 143214 |
| 9 | 38 | 56.1 | 282 | 2 | 192432 |
| 10 | 38 | 56.1 | 435 | 2 | H96716 |
| 11 | 38 | 56.1 | 175 | 2 | S52716 |
| 12 | 38 | 56.1 | 508 | 2 | 107971 |
| 13 | 38 | 56.1 | 514 | 1 | A44405 |
| 14 | 38 | 56.1 | 518 | 2 | A55065 |
| 15 | 38 | 56.1 | 523 | 2 | 109675 |
| 16 | 38 | 56.1 | 523 | 4 | D55076 |
| 17 | 38 | 56.1 | 533 | 2 | 107970 |
| 18 | 38 | 56.1 | 1407 | 2 | G96711 |
| 19 | 37 | 54.6 | 79 | 2 | A52667 |
| 20 | 37 | 54.6 | 120 | 2 | 151975 |
| 21 | 37 | 54.6 | 147 | 2 | 136071 |
| 22 | 37 | 54.6 | 281 | 2 | 182676 |
| 23 | 37 | 54.6 | 309 | 2 | 100504 |
| 24 | 37 | 54.6 | 312 | 2 | S38367 |
| 25 | 37 | 54.6 | 416 | 2 | 140179 |
| 26 | 37 | 54.6 | 429 | 2 | 141705 |
| 27 | 37 | 54.6 | 432 | 2 | S20744 |
| 28 | 37 | 54.6 | 440 | 1 | S56605 |
| 29 | 37 | 54.6 | 440 | 2 | G86147 |

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|----|----|------|-----|---|--------|------------------|
| 40 | 47 | 54.6 | 400 | 1 | A11496 | Protein kinase C |
| 41 | 47 | 54.6 | 408 | 2 | A67074 | Protein kinase C |
| 42 | 47 | 54.6 | 402 | 2 | A67074 | Protein kinase C |
| 43 | 47 | 54.6 | 402 | 2 | A67074 | Protein kinase C |
| 44 | 47 | 54.6 | 402 | 2 | A67074 | Protein kinase C |
| 45 | 46 | 52.2 | 188 | 2 | 180970 | Protein kinase C |
| 46 | 46 | 52.2 | 212 | 2 | 180970 | Protein kinase C |
| 47 | 46 | 52.2 | 215 | 2 | 180970 | Protein kinase C |
| 48 | 46 | 52.2 | 215 | 2 | A67074 | Protein kinase C |
| 49 | 46 | 52.2 | 261 | 2 | 180970 | Protein kinase C |
| 40 | 46 | 52.2 | 269 | 2 | 180970 | Protein kinase C |
| 41 | 46 | 52.2 | 273 | 2 | 180970 | Protein kinase C |
| 42 | 46 | 52.2 | 281 | 2 | 180970 | Protein kinase C |
| 43 | 46 | 52.2 | 401 | 2 | 180970 | Protein kinase C |
| 44 | 46 | 52.2 | 401 | 2 | 180970 | Protein kinase C |
| 45 | 46 | 52.2 | 511 | 2 | 180970 | Protein kinase C |

At: NM19

RESULT 1

144844 hypothetical protein weel [insect] Author: Insect 144844

Species: Atherobacter (weel111) Date: 21-Jan-2000 Responser: Protein 144844

Accession: 144844 R.Nakaz, D.J. Gindick, D.L. submitted to the EMBL Data Bank, 1994

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